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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/712,926	11/16/2000	Ulf Mattsson	0104-0308P	2969
26161	7590	10/11/2006	EXAMINER	
FISH & RICHARDSON PC P.O. BOX 1022 MINNEAPOLIS, MN 55440-1022			JACKSON, JENISE E	
			ART UNIT	PAPER NUMBER
			2131	

DATE MAILED: 10/11/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/712,926

Applicant(s)

MATTSSON ET AL.

Examiner

Jenise E. Jackson

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 12 July 2006.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-9 and 16-24 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-9, 16-24 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 1-9, 16-24 are rejected under 35 U.S.C. 102(b) as being anticipated by Sutter(5,924,094).

3. As per claims 1, 19-22, Sutter discloses a method for altering encryption status in a relational database in a continuous process(see col. 43, lines 45-55, col. 50, lines 39-44), providing a table in the database, the table including a maintenance area and a base area, the base area having a first set of records all records of the database(see col. 9, lines 10-22); copying the first set or records from the base area to the maintenance area, thereby creating, in the maintenance area, a second set of records; in response to a user action, modifying a record in the second set of records(see col. 13, lines 39-60, col. 59, lines 11-25); altering encryption status of the base area; copying the second set of records in the maintenance area to the base area, thereby creating, in the base area, a third set of records; and modifying a record in the third set of records(see col. 43, lines 45-55, col. 50, lines 39-44).

4. As per claim 2, Sutter inherently discloses a trigger, modifying a record in the second set of records is implemented in a trigger which is added to the table(see col. 43, lines 45-55).

5. As per claim 3, Sutter discloses wherein modifying a record in the second set of records including receiving data manipulation language statements(see col. 6, lines 61-66).

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6. As per claim 4, Sutter discloses wherein each base area in the database table have a corresponding maintenance area(see col. 3, lines 40-52).
7. As per claim 5, Sutter discloses emptying the maintenance area(see col. 68, lines 64-67, col. 69, lines 4-19).
8. As per claim 6, Sutter discloses emptying the base area before the step of altering(see col. 69, lines 4-19).
9. As per claim 7, and 9, Sutter inherently discloses setting the value of a record in the first set of records to NULL(see col. 43, lines 45-55).
10. As per claim 8, Sutter discloses changing the data type of the base area(see col. 72, lines 6-20).
11. As per claim 16, wherein modifying a record in the third set of records includes receiving data manipulation language(DML)statements(see col. 6, lines 61-66).
12. As per claim 17, Sutter discloses wherein the base area includes a first column of the table and the maintenance area includes a second column of the table(see col. 9, lines 10-22).
13. As per claim 18, Sutter discloses wherein the step of altering encryption status of the base area includes activating encryption means of the base area(see col. 43, lines 45-55, col. 50, lines 39-44).
14. As per claim 23, Sutter discloses decrypting all data of the first set of records; and copying the decrypted data as the second set of records in the maintenance area(see col. 45, lines 65-67, col. 46, lines 1-20).
15. As per claim 24, Sutter discloses wherein the second set of records is a mirror of the first set of records(see col. 9, lines 5-22).

Response to Amendment

16. The Applicant states that Sutter does not disclose modifying data in a record of a second set of records of a table in the database in response to a user instruction to modify data in a record in a first set of records in a base area of the table. Sutter discloses that IDDB distinguishes between two sites, a stable site which can be workstations at a head office(see col. 11, lines 6-13), and a transient site which can be a machine that is at a users home(see col. 11, lines 17-20). Sutter discloses that records of a table in the database are modified and the changes are made to the sites(see col. 11, lines 30-39).

17. The Applicant argues that Sutter discloses off-line communications. The Applicant does not claim on-line communications. Thus, the Applicant's remarks are moot. In response to applicant's argument that the references fail to show certain features of applicant's invention, it is noted that the features upon which applicant relies (i.e., on-line communications) are not recited in the rejected claim(s). Although the claims are interpreted in light of the specification, limitations from the specification are not read into the claims. See *In re Van Geuns*, 988 F.2d 1181, 26 USPQ2d 1057 (Fed. Cir. 1993).

18. Sutter does describe client/server communication (see col. 14, lines 18-37), therefore; the Applicant's remark is moot.

19. The Applicant states that Sutter discloses all and only the data it needs. First, the Applicant does not claim all records of the database. The Applicant claims "records". The Applicant stores records in Sutter(see col. 5, lines 25-60). Sutter discloses that the application

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server stores the local copy of the application database, and it is the same database that is running on the client application(see col. 13, lines 54-60).

Final Action

20. THIS ACTION IS MADE FINAL. Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jenise E. Jackson whose telephone number is (571) 272-3791. The examiner can normally be reached on M-Th (6:00 a.m. - 3:30 p.m.) alternate Friday's.

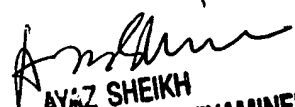
If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ayaz Sheikh can be reached on (571) 272-3795. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



September 29, 2006



AYAZ SHEIKH
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100